

TestBeamAnalysis2014

TestBeamNotes2014

Again:

1. cd /home/daq/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub

2. source /home/daq/Desktop/DESY/ILCsoft/v01-17-02/init_ilcsoft.sh

3. ./jobsub.py -c examples/datura-noDUT/config.cfg converter 25

need good calibration file

4.

2012 ./jobsub.py -c examples/datura-noDUT/config.cfg converter 25

2013 ls examples/datura-noDUT/

2014 ls examples/datura-noDUT/gear_desy2012_150mm.xml

2015 ./jobsub.py -c examples/datura-noDUT/config.cfg converter 25

2016 cd ../../../../

2017 cd ..

2018 ls

2019 ls v01-17-02/

2020 source v01-17-02/init_ilcsoft.sh

2021 cd v01-17-02/

2022 ls

2023 ls -lht

2024 ech o \$PATH

2025 echo \$PATH

2026 Marlin

2027 cd Eutelescope/v00-08-03/

2028 ls

2029 cd jobsub/

2030 ./jobsub.py -c examples/datura-noDUT/config.cfg converter 25

2031 ls

2032 mkdir output

2033 ./jobsub.py -c examples/datura-noDUT/config.cfg converter 25

2034 cd output/

2035 mkdir lcio

2036 cd ..

2037 ./jobsub.py -c examples/datura-noDUT/config.cfg converter 25

2038 cd output/

2039 mkdir logs

2040 mkdir database

2041 mkdir histograms

2042 cd ..

2043 ./jobsub.py -c examples/datura-noDUT/config.cfg converter 25

2044 ls output/histograms/

2045 ./jobsub.py -c examples/datura-noDUT/config.cfg clusearch 25

2046 ls examples/datura-noDUT/

2047 ls examples/datura-noDUT/steering-templates/

2048 ./jobsub.py -c examples/datura-noDUT/config.cfg clustering 25

2049 ls examples/datura-noDUT/steering-templates/

2050 ./jobsub.py -c examples/datura-noDUT/config.cfg hitmaker 25

2051 ls examples/datura-noDUT/steering-templates/

2052 ./jobsub.py -c examples/datura-noDUT/config.cfg align 25

2053 ls

2054 ls ../src/

2055 ls

2056 history

daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub\$

```

daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ ./jobsub.py -c
examples/datura-noDUT/config.cfg converter 25 15:34:08 jobsub(INFO): Loaded config file
examples/datura-noDUT/config.cfg 15:34:08 jobsub(WARNING): Parameter 'basepath' was not found in
template file converter-tmp.xml 15:34:08 jobsub(WARNING): Parameter 'histoinfofile' was not found in
template file converter-tmp.xml 15:34:08 jobsub(INFO): Will now start processing the following runs: 25
15:34:08 jobsub(INFO): Now generating steering file for run number 000025.. 15:34:08 jobsub(ERROR):
Missing configuration parameters: @GearGeoFile@
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ ls
examples/datura-noDUT/ config.cfg gear_desy2012_20mm.xml README runlist.csv steering-templates
gear_desy2012_150mm.xml output #runlist.csv# run.sh testing.cmake
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ ls
examples/datura-noDUT/gear_desy2012_150mm.xml examples/datura-noDUT/gear_desy2012_150mm.xml
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ ./jobsub.py -c
examples/datura-noDUT/config.cfg converter 25 15:35:24 jobsub(INFO): Loaded config file
examples/datura-noDUT/config.cfg 15:35:24 jobsub(WARNING): Parameter 'basepath' was not found in
template file converter-tmp.xml 15:35:24 jobsub(WARNING): Parameter 'histoinfofile' was not found in
template file converter-tmp.xml 15:35:24 jobsub(INFO): Will now start processing the following runs: 25
15:35:24 jobsub(INFO): Now generating steering file for run number 000025.. 15:35:24
jobsub.marlin(ERROR): Marlin executable not found in PATH!
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ markdown
markdown2pdf markdown_py
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ cd ../../..
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02$ cd .. daq@znpnb204:~/Desktop/DESY/ILCsoft$ ls
ilcinstall_v01-17-02-eutel v01-17-02 daq@znpnb204:~/Desktop/DESY/ILCsoft$ ls v01-17-02/ CED
Eutelescope gear ILCSoft.cmake.env.sh init_ilcsoft.sh lcio MarlinUtil root CLHEP GBL ILCSoft.cmake
ilcutil lccd Marlin RAIDA daq@znpnb204:~/Desktop/DESY/ILCsoft$ source v01-17-02/init_ilcsoft.sh
daq@znpnb204:~/Desktop/DESY/ILCsoft$ cd v01-17-02/
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02$ ls CED Eutelescope gear ILCSoft.cmake.env.sh
init_ilcsoft.sh lcio MarlinUtil root CLHEP GBL ILCSoft.cmake ilcutil lccd Marlin RAIDA
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02$ M MAKEDEV Marlin/ Matrix-config
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02$ Ma Marlin/ Matrix-config
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02$ ls -lht total 64K -rw-rw-r-- 1 daq daq 4.6K 2013-08-27
15:36 init_ilcsoft.sh drwxrwxr-x 3 daq daq 4.0K 2013-08-27 14:48 CLHEP drwxrwxr-x 3 daq daq 4.0K
2013-08-27 14:46 root drwxrwxr-x 3 daq daq 4.0K 2013-08-27 14:45 Eutelescope drwxrwxr-x 3 daq daq
4.0K 2013-08-27 14:45 MarlinUtil drwxrwxr-x 3 daq daq 4.0K 2013-08-27 14:45 Marlin drwxrwxr-x 3 daq
daq 4.0K 2013-08-27 14:45 CED drwxrwxr-x 3 daq daq 4.0K 2013-08-27 14:45 GBL drwxrwxr-x 3 daq daq
4.0K 2013-08-27 14:45 RAIDA drwxrwxr-x 3 daq daq 4.0K 2013-08-27 14:45 lccd drwxrwxr-x 3 daq daq
4.0K 2013-08-27 14:45 gear drwxrwxr-x 3 daq daq 4.0K 2013-08-27 14:38 lcio drwxrwxr-x 3 daq daq 4.0K
2013-08-27 14:38 ilcutil -rw-rw-r-- 1 daq daq 871 2013-08-27 14:38 ILCSoft.cmake -rw-rw-r-- 1 daq daq 763
2013-08-27 14:38 ILCSoft.cmake.env.sh daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02$ ech o
$PATH No command 'ech' found, did you mean: Command 'sch' from package 'scheme2c' (universe)
Command 'echo' from package 'coreutils' (main) Command 'dch' from package 'devscripts' (main) Command
'ecm' from package 'gmp-ecm' (universe) Command 'ecm' from package 'ecm' (universe) Command 'ecj' from
package 'ecj' (main) Command 'bch' from package 'bikeshed' (universe) ech: command not found
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02$ echo $PATH
/home/daq/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/external/millepede2/trunk:/home/daq/Desktop/D
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02$ ma mac2unix mail-touchlock makeindex manhole
markdown2pdf macptopbm mail-unlock makeinfo manpage-alert markdown_py mag make make-ssl-cert
manpath mass-bug mahjongg makeconv man mapfile mattrib mail-lock makeglossaries mandb mapscrn
mawk daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02$ Ma Marlin/ Matrix-config
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02$ Marlin

```

Usage: Marlin [OPTION] [FILE]... runs a Marlin application

Running the application with a given steering file: Marlin steer.xml

Marlin [-h/-?] print this help information Marlin -x print an example steering file to stdout Marlin -c steer.xml check the given steering file for consistency Marlin -u old.xml new.xml consistency check with update of xml file Marlin -d steer.xml flow.dot create a program flow diagram (see: <http://www.graphviz.org>) Marlin -l [deprecated: old format steering file example] Marlin -f old.xml new.xml [deprecated: convert old xml files to new xml files for consistency check] Marlin -o old.steer new.xml [deprecated: convert old steering file to xml steering file]

Example: To create a new default steering file from any Marlin application, run Marlin -x > mysteer.xml and then use either an editor or the MarlinGUI to modify the created steering file to configure your application and then run it. e.g. : Marlin mysteer.xml > marlin.out 2>&1 &

Dynamic command line options may be specified in order to overwrite individual steering file parameters, e.g.: Marlin --global.LCIOInputFiles="input1.slcio input2.slcio" --global.GearXMLFile=mydetector.xml --MyLCIOOutputProcessor.LCIOWriteMode=WRITE_APPEND --MyLCIOOutputProcessor.LCIOOutputFile=out.slcio steer.xml

NOTE: Dynamic options do NOT work together with Marlin options (-x, -f, -l) nor with the MarlinGUI or old steering files

```
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02$ cd CED/ Eutelescope/ .ilcinstall-logs/ lcio/ RAIDA/
CLHEP/ GBL/ ilcutil/ Marlin/ root/ .dependencies/ gear/ lccd/ MarlinUtil/
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02$ cd Eutelescope/v00-08-03/
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03$ ls bin cmake
CTestCustom.cmake.in include pysub README.tests test build CMakeLists.txt doc jobsub rawdata
simplesub build_env.sh CTestConfig.cmake external lib README src
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03$ cd jobsub/
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ ./jobsub.py -c
examples/datura-noDUT/config.cfg converter 25 15:38:03 jobsub(INFO): Loaded config file
examples/datura-noDUT/config.cfg 15:38:03 jobsub(WARNING): Parameter 'basepath' was not found in
template file converter-tmp.xml 15:38:03 jobsub(WARNING): Parameter 'histoinfofile' was not found in
template file converter-tmp.xml 15:38:03 jobsub(INFO): Will now start processing the following runs: 25
15:38:03 jobsub(INFO): Now generating steering file for run number 000025.. 15:38:03
jobsub.marlin(INFO): Now running Marlin on converter-000025.xml 15:38:03 jobsub.marlin(INFO):
15:38:03 jobsub.marlin(INFO): 15:38:03 jobsub.marlin(ERROR):
***** 15:38:03 jobsub.marlin(ERROR): A runtime error
occured - (uncaught exception): 15:38:03 jobsub.marlin(ERROR): gear::ParseException:
GearXML::createGearMgr error in file
[/home/daq/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub/examples/datura-noDUT/examples/datu
row: 0, col: 0] : Failed to open file 15:38:03 jobsub.marlin(ERROR): Marlin will have to be terminated, sorry.
15:38:03 jobsub.marlin(ERROR): ***** 15:38:03
jobsub.marlin(ERROR): 15:38:03 jobsub(ERROR): Marlin returned with error code 1 15:38:03
jobsub(ERROR): Input/Output error: Could not create log and steering file archive
(/output/logs/converter-000025.zip)! 15:38:03 jobsub(WARNING): There were 2 error messages reported
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ ./jobsub.py -c
examples/datura-noDUT/config.cfg converter 25 15:38:46 jobsub(INFO): Loaded config file
examples/datura-noDUT/config.cfg 15:38:46 jobsub(WARNING): Parameter 'basepath' was not found in
template file converter-tmp.xml 15:38:46 jobsub(WARNING): Parameter 'histoinfofile' was not found in
template file converter-tmp.xml 15:38:46 jobsub(INFO): Will now start processing the following runs: 25
15:38:46 jobsub(INFO): Now generating steering file for run number 000025.. 15:38:46
jobsub.marlin(INFO): Now running Marlin on converter-000025.xml 15:38:46 jobsub.marlin(INFO):
15:38:46 jobsub.marlin(INFO): 15:38:46 jobsub.marlin(INFO): [ VERBOSE "AIDA" ]
----- R A I D A ----- 15:38:46 jobsub.marlin(INFO): [
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VERBOSE "AIDA"] ROOT Implementation of the Abstract Interfaces for Data Analysis (AIDA v3.2.1)
15:38:46 jobsub.marlin(INFO): [ VERBOSE "AIDA"] 15:38:46 jobsub.marlin(INFO): [ VERBOSE "AIDA"]
RAIDA Version: not supported by cvs2svn 15:38:46 jobsub.marlin(INFO): [ VERBOSE "AIDA"] 15:38:46
jobsub.marlin(INFO): [ VERBOSE "AIDA"] RAIDA only creates simple ROOT histograms 15:38:46
jobsub.marlin(INFO): [ VERBOSE "AIDA"] Used ROOT Release: 5.34/05 15:38:46 jobsub.marlin(INFO): [
VERBOSE "AIDA"] ----- 15:38:46
jobsub.marlin(INFO): [ VERBOSE "AIDA"] 15:38:46 jobsub.marlin(ERROR): SysError in <TFile::TFile>:
file ./output/histograms/run000025-converter.root can not be opened (No such file or directory) 15:38:46
jobsub.marlin(ERROR): ***** 15:38:46
jobsub.marlin(ERROR): A runtime error occured - (uncaught exception): 15:38:46 jobsub.marlin(ERROR):
lcio::IOException: [SIOWriter::open()] Couldn't open file: ./output/lcio/run000025-converter.slcio 15:38:46
jobsub.marlin(ERROR): Marlin will have to be terminated, sorry. 15:38:46 jobsub.marlin(ERROR):
***** 15:38:46 jobsub.marlin(ERROR): 15:38:46
jobsub(ERROR): Marlin returned with error code 1 15:38:46 jobsub(ERROR): Input/Output error: Could not
create log and steering file archive (./output/logs/converter-000025.zip)! 15:38:46 jobsub(WARNING): There
were 2 error messages reported
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ ls converter-000025.log
converter-000025.xml examples jobsub.py pymodules README source_examples
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ mkdir output
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ ./jobsub.py -c
examples/datura-noDUT/config.cfg converter 25 15:39:02 jobsub(INFO): Loaded config file
examples/datura-noDUT/config.cfg 15:39:02 jobsub(WARNING): Parameter 'basepath' was not found in
template file converter-tmp.xml 15:39:02 jobsub(WARNING): Parameter 'histoinfofile' was not found in
template file converter-tmp.xml 15:39:02 jobsub(INFO): Will now start processing the following runs: 25
15:39:02 jobsub(INFO): Now generating steering file for run number 000025.. 15:39:02
jobsub.marlin(INFO): Now running Marlin on converter-000025.xml 15:39:02 jobsub.marlin(INFO):
15:39:02 jobsub.marlin(INFO): 15:39:02 jobsub.marlin(INFO): [ VERBOSE "AIDA"]
----- R A I D A ----- 15:39:02 jobsub.marlin(ERROR):
SysError in <TFile::TFile>: file ./output/histograms/run000025-converter.root can not be opened (No such file
or directory) 15:39:02 jobsub.marlin(INFO): [ VERBOSE "AIDA"] ROOT Implementation of the Abstract
Interfaces for Data Analysis (AIDA v3.2.1) 15:39:02 jobsub.marlin(ERROR):
***** 15:39:02 jobsub.marlin(INFO): [ VERBOSE
"AIDA"] 15:39:02 jobsub.marlin(ERROR): A runtime error occured - (uncaught exception): 15:39:02
jobsub.marlin(INFO): [ VERBOSE "AIDA"] RAIDA Version: not supported by cvs2svn 15:39:02
jobsub.marlin(ERROR): lcio::IOException: [SIOWriter::open()] Couldn't open file:
./output/lcio/run000025-converter.slcio 15:39:02 jobsub.marlin(INFO): [ VERBOSE "AIDA"] 15:39:02
jobsub.marlin(ERROR): Marlin will have to be terminated, sorry. 15:39:02 jobsub.marlin(INFO): [
VERBOSE "AIDA"] RAIDA only creates simple ROOT histograms 15:39:02 jobsub.marlin(ERROR):
***** 15:39:02 jobsub.marlin(INFO): [ VERBOSE
"AIDA"] Used ROOT Release: 5.34/05 15:39:02 jobsub.marlin(ERROR): 15:39:02 jobsub.marlin(INFO): [
VERBOSE "AIDA"] ----- 15:39:02
jobsub.marlin(INFO): [ VERBOSE "AIDA"] 15:39:02 jobsub(ERROR): Marlin returned with error code 1
15:39:02 jobsub(ERROR): Input/Output error: Could not create log and steering file archive
(./output/logs/converter-000025.zip)! 15:39:02 jobsub(WARNING): There were 2 error messages reported
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ cd output/
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub/output$ mkdir lcio
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub/output$ cd ..
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ ./jobsub.py -c
examples/datura-noDUT/config.cfg converter 25 15:39:15 jobsub(INFO): Loaded config file
examples/datura-noDUT/config.cfg 15:39:15 jobsub(WARNING): Parameter 'basepath' was not found in
template file converter-tmp.xml 15:39:15 jobsub(WARNING): Parameter 'histoinfofile' was not found in
template file converter-tmp.xml 15:39:15 jobsub(INFO): Will now start processing the following runs: 25
15:39:15 jobsub(INFO): Now generating steering file for run number 000025.. 15:39:15
jobsub.marlin(INFO): Now running Marlin on converter-000025.xml 15:39:15 jobsub.marlin(INFO):

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15:39:15 jobsub.marlin(INFO): 15:39:15 jobsub.marlin(INFO): [ VERBOSE "AIDA" ]
----- R A I D A ----- 15:39:15 jobsub.marlin(ERROR):
SysError in <TFile::TFile>: file ./output/histograms/run000025-converter.root can not be opened (No such file
or directory) 15:39:15 jobsub.marlin(INFO): [ VERBOSE "AIDA" ] ROOT Implementation of the Abstract
Interfaces for Data Analysis (AIDA v3.2.1) 15:39:15 jobsub.marlin(INFO): [ VERBOSE "AIDA" ] 15:39:16
jobsub.marlin(INFO): [ VERBOSE "AIDA" ] RAIDA Version: not supported by cvs2svn 15:39:16
jobsub.marlin(INFO): [ VERBOSE "AIDA" ] 15:39:16 jobsub.marlin(INFO): [ VERBOSE "AIDA" ] RAIDA
only creates simple ROOT histograms 15:39:16 jobsub.marlin(INFO): [ VERBOSE "AIDA" ] Used ROOT
Release: 5.34/05 15:39:16 jobsub.marlin(INFO): [ VERBOSE "AIDA" ]
----- 15:39:16 jobsub.marlin(INFO): [
VERBOSE "AIDA" ] 15:39:16 jobsub.marlin(INFO): [ VERBOSE "UNKOWN" ] INFO: First TLU id
detected as 1 2013-08-28 15:39:16.025 15:39:16 jobsub.marlin(INFO): [ MESSAGE4
"UniversalNativeReader" ] Processing event 0 in run 000025 (Total = 0) 15:39:16 jobsub.marlin(INFO): [
MESSAGE4 "Mimosa26EUTelAutoPedestalNoiseProcessor" ] Processing event 0 in run 000025 (Total = 0)
15:39:16 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller" ] Processing event 0 in run 000025 (Total = 0)
15:39:23 jobsub.marlin(INFO): [ MESSAGE4 "UniversalNativeReader" ] Processing event 1000 in run
000025 (Total = 1000) 15:39:23 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor" ] Processing event 1000 in run 000025 (Total = 1000)
15:39:23 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller" ] Processing event 1000 in run 000025 (Total
= 1000) 15:39:31 jobsub.marlin(INFO): [ MESSAGE4 "UniversalNativeReader" ] Processing event 2000 in
run 000025 (Total = 2000) 15:39:31 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor" ] Processing event 2000 in run 000025 (Total = 2000)
15:39:31 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller" ] Processing event 2000 in run 000025 (Total
= 2000) 15:39:39 jobsub.marlin(INFO): [ MESSAGE4 "UniversalNativeReader" ] Processing event 3000 in
run 000025 (Total = 3000) 15:39:39 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor" ] Processing event 3000 in run 000025 (Total = 3000)
15:39:39 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller" ] Processing event 3000 in run 000025 (Total
= 3000) 15:39:48 jobsub.marlin(INFO): [ MESSAGE4 "UniversalNativeReader" ] Processing event 4000 in
run 000025 (Total = 4000) 15:39:48 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor" ] Processing event 4000 in run 000025 (Total = 4000)
15:39:48 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller" ] Processing event 4000 in run 000025 (Total
= 4000) 15:39:56 jobsub.marlin(INFO): [ MESSAGE4 "UniversalNativeReader" ] Processing event 5000 in
run 000025 (Total = 5000) 15:39:56 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor" ] Processing event 5000 in run 000025 (Total = 5000)
15:39:56 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller" ] Processing event 5000 in run 000025 (Total
= 5000) 15:40:05 jobsub.marlin(INFO): [ MESSAGE4 "UniversalNativeReader" ] Processing event 6000 in
run 000025 (Total = 6000) 15:40:05 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor" ] Processing event 6000 in run 000025 (Total = 6000)
15:40:05 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller" ] Processing event 6000 in run 000025 (Total
= 6000) 15:40:14 jobsub.marlin(INFO): [ MESSAGE4 "UniversalNativeReader" ] Processing event 7000 in
run 000025 (Total = 7000) 15:40:14 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor" ] Processing event 7000 in run 000025 (Total = 7000)
15:40:14 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller" ] Processing event 7000 in run 000025 (Total
= 7000) 15:40:23 jobsub.marlin(INFO): [ MESSAGE4 "UniversalNativeReader" ] Processing event 8000 in
run 000025 (Total = 8000) 15:40:23 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor" ] Processing event 8000 in run 000025 (Total = 8000)
15:40:23 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller" ] Processing event 8000 in run 000025 (Total
= 8000) 15:40:31 jobsub.marlin(INFO): [ MESSAGE4 "UniversalNativeReader" ] Processing event 9000 in
run 000025 (Total = 9000) 15:40:31 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor" ] Processing event 9000 in run 000025 (Total = 9000)
15:40:31 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller" ] Processing event 9000 in run 000025 (Total
= 9000) 15:40:40 jobsub.marlin(INFO): [ ERROR5 "HotPixelKiller" ] CreateHistogram2D for
detector_0/cycle_0/Firing2D_d0_c0 failed 15:40:40 jobsub.marlin(INFO): [ ERROR5 "HotPixelKiller" ]
Execution stopped, check that your path (detector_0/cycle_0)exists 15:40:40 jobsub.marlin(INFO): [

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MESSAGE5 "HotPixelKiller"] EUTelHotPixelKiller::HotPixelDBWriter 15:40:40 jobsub.marlin(INFO): [
MESSAGE5 "HotPixelKiller"] writing out hot pixel db into ./output/database/run000025-hotpixel.slcio
15:40:40 jobsub.marlin(INFO): [ ERROR4 "HotPixelKiller"] lcio::IOException: [SIOWriter::open()] Couldn't
open file: ./output/database/run000025-hotpixel.slcio 15:40:40 jobsub.marlin(INFO): [ ERROR4
"HotPixelKiller"] Sorry, was not able to create new HotPixelDB file
./output/database/run000025-hotpixel.slcio, will quit now. 15:40:40 jobsub(ERROR): Marlin returned with
error code 255 15:40:40 jobsub(ERROR): Input/Output error: Could not create log and steering file archive
(./output/logs/converter-000025.zip)! 15:40:40 jobsub(WARNING): There were 2 error messages reported
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ cd output/
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub/output$ mkdir logs
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub/output$ mkdir database
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub/output$ mkdir
histograms daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub/output$ cd ..
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ ./jobsub.py -c
examples/datura-noDUT/config.cfg converter 25 15:42:16 jobsub(INFO): Loaded config file
examples/datura-noDUT/config.cfg 15:42:16 jobsub(WARNING): Parameter 'basepath' was not found in
template file converter-tmp.xml 15:42:16 jobsub(WARNING): Parameter 'histoinfofile' was not found in
template file converter-tmp.xml 15:42:16 jobsub(INFO): Will now start processing the following runs: 25
15:42:16 jobsub(INFO): Now generating steering file for run number 000025.. 15:42:16
jobsub.marlin(INFO): Now running Marlin on converter-000025.xml 15:42:16 jobsub.marlin(INFO):
15:42:16 jobsub.marlin(INFO): 15:42:16 jobsub.marlin(INFO): [ VERBOSE "AIDA" ]
----- R A I D A ----- 15:42:16 jobsub.marlin(INFO): [
VERBOSE "AIDA" ] ROOT Implementation of the Abstract Interfaces for Data Analysis (AIDA v3.2.1)
15:42:16 jobsub.marlin(INFO): [ VERBOSE "AIDA" ] 15:42:16 jobsub.marlin(INFO): [ VERBOSE "AIDA" ]
RAIDA Version: not supported by cvs2svn 15:42:16 jobsub.marlin(INFO): [ VERBOSE "AIDA" ] 15:42:16
jobsub.marlin(INFO): [ VERBOSE "AIDA" ] RAIDA only creates simple ROOT histograms 15:42:16
jobsub.marlin(INFO): [ VERBOSE "AIDA" ] Used ROOT Release: 5.34/05 15:42:16 jobsub.marlin(INFO): [
VERBOSE "AIDA" ] ----- 15:42:16
jobsub.marlin(INFO): [ VERBOSE "AIDA" ] 15:42:16 jobsub.marlin(INFO): [ VERBOSE "UNKOWN" ]
INFO: First TLU id detected as 1 2013-08-28 15:42:16.449 15:42:16 jobsub.marlin(INFO): [ MESSAGE4
"UniversalNativeReader" ] Processing event 0 in run 000025 (Total = 0) 15:42:16 jobsub.marlin(INFO): [
MESSAGE4 "Mimosa26EUTelAutoPedestalNoiseProcessor" ] Processing event 0 in run 000025 (Total = 0)
15:42:16 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller" ] Processing event 0 in run 000025 (Total = 0)
15:42:24 jobsub.marlin(INFO): [ MESSAGE4 "UniversalNativeReader" ] Processing event 1000 in run
000025 (Total = 1000) 15:42:24 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor" ] Processing event 1000 in run 000025 (Total = 1000)
15:42:24 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller" ] Processing event 1000 in run 000025 (Total
= 1000) 15:42:32 jobsub.marlin(INFO): [ MESSAGE4 "UniversalNativeReader" ] Processing event 2000 in
run 000025 (Total = 2000) 15:42:32 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor" ] Processing event 2000 in run 000025 (Total = 2000)
15:42:32 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller" ] Processing event 2000 in run 000025 (Total
= 2000) 15:42:40 jobsub.marlin(INFO): [ MESSAGE4 "UniversalNativeReader" ] Processing event 3000 in
run 000025 (Total = 3000) 15:42:40 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor" ] Processing event 3000 in run 000025 (Total = 3000)
15:42:40 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller" ] Processing event 3000 in run 000025 (Total
= 3000) 15:42:49 jobsub.marlin(INFO): [ MESSAGE4 "UniversalNativeReader" ] Processing event 4000 in
run 000025 (Total = 4000) 15:42:49 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor" ] Processing event 4000 in run 000025 (Total = 4000)
15:42:49 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller" ] Processing event 4000 in run 000025 (Total
= 4000) 15:42:57 jobsub.marlin(INFO): [ MESSAGE4 "UniversalNativeReader" ] Processing event 5000 in
run 000025 (Total = 5000) 15:42:57 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor" ] Processing event 5000 in run 000025 (Total = 5000)
15:42:57 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller" ] Processing event 5000 in run 000025 (Total
= 5000) 15:43:06 jobsub.marlin(INFO): [ MESSAGE4 "UniversalNativeReader" ] Processing event 6000 in

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run 000025 (Total = 6000) 15:43:06 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor"] Processing event 6000 in run 000025 (Total = 6000)
15:43:06 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller"] Processing event 6000 in run 000025 (Total
= 6000) 15:43:15 jobsub.marlin(INFO): [ MESSAGE4 "UniversalNativeReader"] Processing event 7000 in
run 000025 (Total = 7000) 15:43:15 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor"] Processing event 7000 in run 000025 (Total = 7000)
15:43:15 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller"] Processing event 7000 in run 000025 (Total
= 7000) 15:43:24 jobsub.marlin(INFO): [ MESSAGE4 "UniversalNativeReader"] Processing event 8000 in
run 000025 (Total = 8000) 15:43:24 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor"] Processing event 8000 in run 000025 (Total = 8000)
15:43:24 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller"] Processing event 8000 in run 000025 (Total
= 8000) 15:43:33 jobsub.marlin(INFO): [ MESSAGE4 "UniversalNativeReader"] Processing event 9000 in
run 000025 (Total = 9000) 15:43:33 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor"] Processing event 9000 in run 000025 (Total = 9000)
15:43:33 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller"] Processing event 9000 in run 000025 (Total
= 9000) 15:43:42 jobsub.marlin(INFO): [ MESSAGE5 "HotPixelKiller"]
EUTelHotPixelKiller::HotPixelDBWriter 15:43:42 jobsub.marlin(INFO): [ MESSAGE5 "HotPixelKiller"]
writing out hot pixel db into ./output/database/run000025-hotpixel.slcio 15:43:42 jobsub.marlin(INFO): [
MESSAGE5 "HotPixelKiller"] hotPixelCollection: hotpixel_m26 created 15:43:42 jobsub.marlin(INFO): [
WARNING "Save"] Adding a EORE because was missing 15:43:42 jobsub.marlin(INFO): [ MESSAGE5
"Save"] Writing the output file ./output/lcio/run000025-converter.slcio 15:43:42 jobsub.marlin(INFO): [
MESSAGE4 "HotPixelKiller"] Successfully finished 15:43:42 jobsub.marlin(INFO): [ MESSAGE4
"HotPixelKiller"]
=====
15:43:42 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller"] Hot pixel killer summary 15:43:42
jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller"]
=====
15:43:42 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller"] Cycle num: 0 45 84 40 4172 5 0 15:43:42
jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller"]
----- 15:43:42 jobsub.marlin(INFO): [
MESSAGE4 "HotPixelKiller"] 15:43:42 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller"]
=====
15:43:42 jobsub.marlin(INFO): [ MESSAGE4 "HotPixelKiller"] 15:43:42 jobsub.marlin(INFO): [
MESSAGE5 "UniversalNativeReader"] Successfully finished 15:43:43 jobsub(INFO): Marlin execution done
15:43:43 jobsub(INFO): Logs written to ./output/logs/converter-000025.zip
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ ls output/histograms/
run000025-converter.root
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ ./jobsub.py -c
examples/datura-noDUT/config.cfg clusearch 25 15:45:32 jobsub(WARNING): Config file
'examples/datura-noDUT/config.cfg' is missing a section [clusearch]! 15:45:32 jobsub(INFO): Loaded config
file examples/datura-noDUT/config.cfg 15:45:32 jobsub(CRITICAL): Steering file template
'./clusearch-tmp.xml' not found!
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ ls examples/
datura-noDUT/ README .svn/
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ ls
examples/datura-noDUT/ config.cfg gear_desy2012_20mm.xml README runlist.csv steering-templates
gear_desy2012_150mm.xml output #runlist.csv# run.sh testing.cmake
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ ls
examples/datura-noDUT/steering-templates/ aligndaf-tmp.xml clustering-tmp.xml fitter-tmp.xml
hitmaker-tmp.xml align-tmp.xml converter-tmp.xml histoinfo.xml
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ ./jobsub.py -c
examples/datura-noDUT/config.cfg clustering 25 15:46:01 jobsub(INFO): Loaded config file
examples/datura-noDUT/config.cfg 15:46:01 jobsub(WARNING): Parameter 'basepath' was not found in
template file clustering-tmp.xml 15:46:01 jobsub(WARNING): Parameter 'nativepath' was not found in

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template file clustering-tmp.xml 15:46:01 jobsub(INFO): Will now start processing the following runs: 25
15:46:01 jobsub(INFO): Now generating steering file for run number 000025.. 15:46:01
jobsub.marlin(INFO): Now running Marlin on clustering-000025.xml 15:46:01 jobsub.marlin(INFO):
15:46:01 jobsub.marlin(INFO): 15:46:01 jobsub.marlin(INFO): [ VERBOSE "AIDA" ]
----- R A I D A ----- 15:46:01 jobsub.marlin(INFO): [
VERBOSE "AIDA" ] ROOT Implementation of the Abstract Interfaces for Data Analysis (AIDA v3.2.1)
15:46:01 jobsub.marlin(INFO): [ VERBOSE "AIDA" ] 15:46:01 jobsub.marlin(INFO): [ VERBOSE "AIDA" ]
RAIDA Version: not supported by cvs2svn 15:46:01 jobsub.marlin(INFO): [ VERBOSE "AIDA" ] 15:46:01
jobsub.marlin(INFO): [ VERBOSE "AIDA" ] RAIDA only creates simple ROOT histograms 15:46:01
jobsub.marlin(INFO): [ VERBOSE "AIDA" ] Used ROOT Release: 5.34/05 15:46:01 jobsub.marlin(INFO): [
VERBOSE "AIDA" ] ----- 15:46:01
jobsub.marlin(INFO): [ VERBOSE "AIDA" ] 15:46:01 jobsub.marlin(INFO): [ WARNING4 "Clustering" ]
----- 15:46:01 jobsub.marlin(INFO): [ WARNING4 "Clustering" ] the following processor will modify
the LCIO event : Clustering !! 15:46:01 jobsub.marlin(INFO): [ WARNING4 "Clustering" ] -----
15:46:01 jobsub.marlin(INFO): [ MESSAGE4 "Correlator" ] iPlane 0 sensor_#_along_Z_axis 0 [z= 0.000 ]
[sensorID 0 ] rot:[ -1 0.00 0.00 -1.00] - check sensorIDtoZOrderMap = 0 15:46:01 jobsub.marlin(INFO):
15:46:01 jobsub.marlin(INFO): sensorID 0 maxX 1151 maxY 575 15:46:01 jobsub.marlin(INFO): [
MESSAGE4 "Correlator" ] iPlane 1 sensor_#_along_Z_axis 1 [z= 150.000 ] [sensorID 1 ] rot:[ -1 0.00 0.00
-1.00] - check sensorIDtoZOrderMap = 1 15:46:01 jobsub.marlin(INFO): 15:46:01 jobsub.marlin(INFO):
sensorID 1 maxX 1151 maxY 575 15:46:01 jobsub.marlin(INFO): [ MESSAGE4 "Correlator" ] iPlane 2
sensor_#_along_Z_axis 2 [z= 300.000 ] [sensorID 2 ] rot:[ -1 0.00 0.00 -1.00] - check sensorIDtoZOrderMap
= 2 15:46:01 jobsub.marlin(INFO): 15:46:01 jobsub.marlin(INFO): sensorID 2 maxX 1151 maxY 575
15:46:01 jobsub.marlin(INFO): [ MESSAGE4 "Correlator" ] iPlane 3 sensor_#_along_Z_axis 3 [z= 450.000 ]
[sensorID 3 ] rot:[ -1 0.00 0.00 -1.00] - check sensorIDtoZOrderMap = 3 15:46:01 jobsub.marlin(INFO):
15:46:01 jobsub.marlin(INFO): sensorID 3 maxX 1151 maxY 575 15:46:01 jobsub.marlin(INFO): [
MESSAGE4 "Correlator" ] iPlane 4 sensor_#_along_Z_axis 4 [z= 600.000 ] [sensorID 4 ] rot:[ -1 0.00 0.00
-1.00] - check sensorIDtoZOrderMap = 4 15:46:01 jobsub.marlin(INFO): 15:46:01 jobsub.marlin(INFO):
sensorID 4 maxX 1151 maxY 575 15:46:01 jobsub.marlin(INFO): [ MESSAGE4 "Correlator" ] iPlane 5
sensor_#_along_Z_axis 5 [z= 750.000 ] [sensorID 5 ] rot:[ -1 0.00 0.00 -1.00] - check sensorIDtoZOrderMap
= 5 15:46:01 jobsub.marlin(INFO): 15:46:01 jobsub.marlin(INFO): sensorID 5 maxX 1151 maxY 575
15:46:01 jobsub.marlin(INFO): [ ERROR1 "Correlator" ] Error during the geometry consistency check:
15:46:01 jobsub.marlin(INFO): [ ERROR1 "Correlator" ] The run header says the GeoID is 113 15:46:01
jobsub.marlin(INFO): [ ERROR1 "Correlator" ] The GEAR description says is 0 15:46:01
jobsub.marlin(INFO): [ MESSAGE4 "Mimosa26EUTelAutoPedestalNoiseProcessor" ] Processing event 0 in
run 000025 (Total = 0) 15:46:01 jobsub.marlin(INFO): [ MESSAGE4 "Clustering" ] Processing event 0 in run
000025 (Total = 0) 15:46:01 jobsub.marlin(INFO): [ MESSAGE4 "Clustering" ] Initializing geometry
15:46:01 jobsub.marlin(INFO): [ MESSAGE5 "Clustering" ] EUTelClusteringProcessor::initializeGeometry
_nzsDataCollectionName data not found 15:46:01 jobsub.marlin(INFO): [ MESSAGE5 "Clustering" ]
hotPixelCollectionName: hotpixel_m26 found 15:46:01 jobsub.marlin(INFO): [ MESSAGE4 "Correlator" ]
Processing event 0 in run 000025 (Total = 0) 15:46:01 jobsub.marlin(INFO): [ MESSAGE5 "Correlator" ]
found 0 name cluster_m26 15:46:01 jobsub.marlin(INFO): [ MESSAGE5 "Correlator" ]
_hotPixelCollectionName hotpixel not found 15:46:01 jobsub.marlin(INFO): [ MESSAGE4 "Correlator" ]
Booking histograms 15:46:31 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor" ] Processing event 1000 in run 000025 (Total = 1000)
15:46:31 jobsub.marlin(INFO): [ MESSAGE4 "Clustering" ] Processing event 1000 in run 000025 (Total =
1000) 15:46:31 jobsub.marlin(INFO): [ MESSAGE4 "Correlator" ] Processing event 1000 in run 000025
(Total = 1000) 15:47:02 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor" ] Processing event 2000 in run 000025 (Total = 2000)
15:47:02 jobsub.marlin(INFO): [ MESSAGE4 "Clustering" ] Processing event 2000 in run 000025 (Total =
2000) 15:47:02 jobsub.marlin(INFO): [ MESSAGE4 "Correlator" ] Processing event 2000 in run 000025
(Total = 2000) 15:47:32 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor" ] Processing event 3000 in run 000025 (Total = 3000)
15:47:32 jobsub.marlin(INFO): [ MESSAGE4 "Clustering" ] Processing event 3000 in run 000025 (Total =
3000) 15:47:32 jobsub.marlin(INFO): [ MESSAGE4 "Correlator" ] Processing event 3000 in run 000025

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(Total = 3000) 15:48:03 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor"] Processing event 4000 in run 000025 (Total = 4000)
15:48:03 jobsub.marlin(INFO): [ MESSAGE4 "Clustering"] Processing event 4000 in run 000025 (Total =
4000) 15:48:03 jobsub.marlin(INFO): [ MESSAGE4 "Correlator"] Processing event 4000 in run 000025
(Total = 4000) 15:48:35 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor"] Processing event 5000 in run 000025 (Total = 5000)
15:48:35 jobsub.marlin(INFO): [ MESSAGE4 "Clustering"] Processing event 5000 in run 000025 (Total =
5000) 15:48:35 jobsub.marlin(INFO): [ MESSAGE4 "Correlator"] Processing event 5000 in run 000025
(Total = 5000) 15:48:49 jobsub.marlin(INFO): [ WARNING2 "Correlator"] No input collection found on
event 5414 in run 25 15:49:08 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor"] Processing event 6000 in run 000025 (Total = 6000)
15:49:08 jobsub.marlin(INFO): [ MESSAGE4 "Clustering"] Processing event 6000 in run 000025 (Total =
6000) 15:49:08 jobsub.marlin(INFO): [ MESSAGE4 "Correlator"] Processing event 6000 in run 000025
(Total = 6000) 15:49:40 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor"] Processing event 7000 in run 000025 (Total = 7000)
15:49:40 jobsub.marlin(INFO): [ MESSAGE4 "Clustering"] Processing event 7000 in run 000025 (Total =
7000) 15:49:40 jobsub.marlin(INFO): [ MESSAGE4 "Correlator"] Processing event 7000 in run 000025
(Total = 7000) 15:50:12 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor"] Processing event 8000 in run 000025 (Total = 8000)
15:50:12 jobsub.marlin(INFO): [ MESSAGE4 "Clustering"] Processing event 8000 in run 000025 (Total =
8000) 15:50:12 jobsub.marlin(INFO): [ MESSAGE4 "Correlator"] Processing event 8000 in run 000025
(Total = 8000) 15:50:43 jobsub.marlin(INFO): [ MESSAGE4
"Mimosa26EUTelAutoPedestalNoiseProcessor"] Processing event 9000 in run 000025 (Total = 9000)
15:50:43 jobsub.marlin(INFO): [ MESSAGE4 "Clustering"] Processing event 9000 in run 000025 (Total =
9000) 15:50:43 jobsub.marlin(INFO): [ MESSAGE4 "Correlator"] Processing event 9000 in run 000025
(Total = 9000) 15:51:15 jobsub.marlin(INFO): [ WARNING "Save"] Adding a EORE because was missing
15:51:15 jobsub.marlin(INFO): [ MESSAGE5 "Save"] Writing the output file
./output/lcio/run000025-clustering.slcio 15:51:15 jobsub.marlin(INFO): [ MESSAGE5 "Correlator"] The
input CollectionVec contains ClusterCollection, calculating offset values 15:51:15 jobsub.marlin(INFO): [
MESSAGE5 "Correlator"] Clustering Offset values: for plane 1 the X offset is 1.290 um, the Y offset is 0.553
um 15:51:15 jobsub.marlin(INFO): 15:51:15 jobsub.marlin(INFO): [ MESSAGE5 "Correlator"] Clustering
Offset values: for plane 2 the X offset is 2.507 um, the Y offset is 1.035 um 15:51:15 jobsub.marlin(INFO):
15:51:15 jobsub.marlin(INFO): [ MESSAGE5 "Correlator"] Clustering Offset values: for plane 3 the X offset
is -0.793 um, the Y offset is 0.800 um 15:51:15 jobsub.marlin(INFO): 15:51:15 jobsub.marlin(INFO): [
MESSAGE5 "Correlator"] Clustering Offset values: for plane 4 the X offset is -0.428 um, the Y offset is
0.919 um 15:51:15 jobsub.marlin(INFO): 15:51:15 jobsub.marlin(INFO): [ MESSAGE5 "Correlator"]
Clustering Offset values: for plane 5 the X offset is 0.794 um, the Y offset is 0.447 um 15:51:15
jobsub.marlin(INFO): 15:51:15 jobsub.marlin(INFO): 0 DUMPed for plane 0 the X offset is 0.000 um, the Y
offset is 0.000 um 15:51:15 jobsub.marlin(INFO): 1 DUMPed for plane 1 the X offset is 1.290 um, the Y
offset is 0.553 um 15:51:15 jobsub.marlin(INFO): 2 DUMPed for plane 2 the X offset is 2.507 um, the Y
offset is 1.035 um 15:51:15 jobsub.marlin(INFO): 3 DUMPed for plane 3 the X offset is -0.793 um, the Y
offset is 0.800 um 15:51:15 jobsub.marlin(INFO): 4 DUMPed for plane 4 the X offset is -0.428 um, the Y
offset is 0.919 um 15:51:15 jobsub.marlin(INFO): 5 DUMPed for plane 5 the X offset is 0.794 um, the Y
offset is 0.447 um 15:51:15 jobsub.marlin(INFO): [ MESSAGE4 "Correlator"] Successfully finished 15:51:16
jobsub(INFO): Marlin execution done 15:51:16 jobsub(INFO): Logs written to
./output/logs/clustering-000025.zip
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ ls
examples/datura-noDUT/steering-templates/ aligndaf-tmp.xml clustering-tmp.xml fitter-tmp.xml
hitmaker-tmp.xml align-tmp.xml converter-tmp.xml histoinfo.xml
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ ./jobsub.py -c
examples/datura-noDUT/config.cfg hitmaker 25 15:51:44 jobsub(INFO): Loaded config file
examples/datura-noDUT/config.cfg 15:51:44 jobsub(WARNING): Parameter 'basepath' was not found in
template file hitmaker-tmp.xml 15:51:44 jobsub(WARNING): Parameter 'histoinfofile' was not found in
template file hitmaker-tmp.xml 15:51:44 jobsub(WARNING): Parameter 'hotpixelrunnumber' was not found
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in template file hitmaker-tmp.xml 15:51:44 jobsub(WARNING): Parameter 'nativepath' was not found in
template file hitmaker-tmp.xml 15:51:44 jobsub(INFO): Will now start processing the following runs: 25
15:51:44 jobsub(INFO): Now generating steering file for run number 000025.. 15:51:44
jobsub.marlin(INFO): Now running Marlin on hitmaker-000025.xml 15:51:44 jobsub.marlin(INFO): 15:51:44
jobsub.marlin(INFO): 15:51:44 jobsub.marlin(INFO): [ VERBOSE "AIDA" ] ----- R
A I D A ----- 15:51:44 jobsub.marlin(INFO): [ VERBOSE "AIDA" ] ROOT
Implementation of the Abstract Interfaces for Data Analysis (AIDA v3.2.1) 15:51:44 jobsub.marlin(INFO): [
VERBOSE "AIDA" ] 15:51:44 jobsub.marlin(INFO): [ VERBOSE "AIDA" ] RAIDA Version: not supported
by cvs2svn 15:51:44 jobsub.marlin(INFO): [ VERBOSE "AIDA" ] 15:51:44 jobsub.marlin(INFO): [
VERBOSE "AIDA" ] RAIDA only creates simple ROOT histograms 15:51:45 jobsub.marlin(INFO): [
VERBOSE "AIDA" ] Used ROOT Release: 5.34/05 15:51:45 jobsub.marlin(INFO): [ VERBOSE "AIDA" ]
----- 15:51:45 jobsub.marlin(INFO): [
VERBOSE "AIDA" ] 15:51:45 jobsub.marlin(INFO): [ MESSAGE5 "HitMakerM26" ] Writing to
./output/database/run000025-referencehit.slcio 15:51:45 jobsub.marlin(INFO): [ MESSAGE4 "Correlator" ]
iPlane 0 sensor_#_along_Z_axis 0 [z= 0.000 ] [sensorID 0 ] rot:[ -1 0.00 0.00 -1.00] - check
sensorIDtoZOrderMap = 0 15:51:45 jobsub.marlin(INFO): 15:51:45 jobsub.marlin(INFO): sensorID 0 maxX
1151 maxY 575 15:51:45 jobsub.marlin(INFO): [ MESSAGE4 "Correlator" ] iPlane 1 sensor_#_along_Z_axis
1 [z= 150.000 ] [sensorID 1 ] rot:[ -1 0.00 0.00 -1.00] - check sensorIDtoZOrderMap = 1 15:51:45
jobsub.marlin(INFO): 15:51:45 jobsub.marlin(INFO): sensorID 1 maxX 1151 maxY 575 15:51:45
jobsub.marlin(INFO): [ MESSAGE4 "Correlator" ] iPlane 2 sensor_#_along_Z_axis 2 [z= 300.000 ] [sensorID
2 ] rot:[ -1 0.00 0.00 -1.00] - check sensorIDtoZOrderMap = 2 15:51:45 jobsub.marlin(INFO): 15:51:45
jobsub.marlin(INFO): sensorID 2 maxX 1151 maxY 575 15:51:45 jobsub.marlin(INFO): [ MESSAGE4
"Correlator" ] iPlane 3 sensor_#_along_Z_axis 3 [z= 450.000 ] [sensorID 3 ] rot:[ -1 0.00 0.00 -1.00] - check
sensorIDtoZOrderMap = 3 15:51:45 jobsub.marlin(INFO): 15:51:45 jobsub.marlin(INFO): sensorID 3 maxX
1151 maxY 575 15:51:45 jobsub.marlin(INFO): [ MESSAGE4 "Correlator" ] iPlane 4 sensor_#_along_Z_axis
4 [z= 600.000 ] [sensorID 4 ] rot:[ -1 0.00 0.00 -1.00] - check sensorIDtoZOrderMap = 4 15:51:45
jobsub.marlin(INFO): 15:51:45 jobsub.marlin(INFO): sensorID 4 maxX 1151 maxY 575 15:51:45
jobsub.marlin(INFO): [ MESSAGE4 "Correlator" ] iPlane 5 sensor_#_along_Z_axis 5 [z= 750.000 ] [sensorID
5 ] rot:[ -1 0.00 0.00 -1.00] - check sensorIDtoZOrderMap = 5 15:51:45 jobsub.marlin(INFO): 15:51:45
jobsub.marlin(INFO): sensorID 5 maxX 1151 maxY 575 15:51:45 jobsub.marlin(INFO): [ ERROR1
"HitMakerM26" ] Error during the geometry consistency check: 15:51:45 jobsub.marlin(INFO): [ ERROR1
"HitMakerM26" ] The run header says the GeoID is 113 15:51:45 jobsub.marlin(INFO): [ ERROR1
"HitMakerM26" ] The GEAR description says is 0 15:51:45 jobsub.marlin(INFO): [ ERROR1 "Correlator" ]
Error during the geometry consistency check: 15:51:45 jobsub.marlin(INFO): [ ERROR1 "Correlator" ] The
run header says the GeoID is 113 15:51:45 jobsub.marlin(INFO): [ ERROR1 "Correlator" ] The GEAR
description says is 0 15:51:45 jobsub.marlin(INFO): [ MESSAGE4 "HitMakerM26" ] Processing event 0 in
run 000025 (Total = 0) 15:51:45 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner" ]
_hotPixelCollectionName hotpixel_apix not found 15:51:45 jobsub.marlin(INFO): [ MESSAGE4
"Correlator" ] Processing event 0 in run 000025 (Total = 0) 15:51:45 jobsub.marlin(INFO): [ MESSAGE5
"Correlator" ] _hotPixelCollectionName hotpixel not found 15:51:45 jobsub.marlin(INFO): [ MESSAGE4
"Correlator" ] Booking histograms 15:51:52 jobsub.marlin(INFO): [ MESSAGE4 "HitMakerM26" ] Processing
event 1000 in run 000025 (Total = 1000) 15:51:52 jobsub.marlin(INFO): [ MESSAGE4 "Correlator" ]
Processing event 1000 in run 000025 (Total = 1000) 15:52:00 jobsub.marlin(INFO): [ MESSAGE4
"HitMakerM26" ] Processing event 2000 in run 000025 (Total = 2000) 15:52:00 jobsub.marlin(INFO): [
MESSAGE4 "Correlator" ] Processing event 2000 in run 000025 (Total = 2000) 15:52:08
jobsub.marlin(INFO): [ MESSAGE4 "HitMakerM26" ] Processing event 3000 in run 000025 (Total = 3000)
15:52:08 jobsub.marlin(INFO): [ MESSAGE4 "Correlator" ] Processing event 3000 in run 000025 (Total =
3000) 15:52:15 jobsub.marlin(INFO): [ MESSAGE4 "HitMakerM26" ] Processing event 4000 in run 000025
(Total = 4000) 15:52:15 jobsub.marlin(INFO): [ MESSAGE4 "Correlator" ] Processing event 4000 in run
000025 (Total = 4000) 15:52:25 jobsub.marlin(INFO): [ MESSAGE4 "HitMakerM26" ] Processing event
5000 in run 000025 (Total = 5000) 15:52:26 jobsub.marlin(INFO): [ WARNING9 "HitMakerM26" ] No input
collection cluster_m26 found on event 5414 in run 25 15:52:27 jobsub.marlin(INFO): [ MESSAGE4
"HitMakerM26" ] Processing event 6000 in run 000025 (Total = 6000) 15:52:28 jobsub.marlin(INFO): [
MESSAGE4 "HitMakerM26" ] Processing event 7000 in run 000025 (Total = 7000) 15:52:30

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jobsub.marlin(INFO): [ MESSAGE4 "HitMakerM26"] Processing event 8000 in run 000025 (Total = 8000)
15:52:32 jobsub.marlin(INFO): [ MESSAGE4 "HitMakerM26"] Processing event 9000 in run 000025 (Total
= 9000) 15:52:34 jobsub.marlin(INFO): [ WARNING "Save"] Adding a EORE because was missing 15:52:34
jobsub.marlin(INFO): [ MESSAGE5 "Save"] Writing the output file ./output/lcio/run000025-hitmaker.slcio
15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "Correlator"] The input CollectionVec contains HitCollection,
calculating offset values 15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "Correlator"] Hit Offset values: plane
: 1 X offset : 1.29037 Y offset : 0.553789 15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "Correlator"] Hit
Offset values: plane : 2 X offset : 2.54227 Y offset : 1.10597 15:52:34 jobsub.marlin(INFO): [ MESSAGE5
"Correlator"] Hit Offset values: plane : 3 X offset : -1.58542 Y offset : 1.03462 15:52:34
jobsub.marlin(INFO): [ MESSAGE5 "Correlator"] Hit Offset values: plane : 4 X offset : -0.436971 Y offset :
0.84989 15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "Correlator"] Hit Offset values: plane : 5 X offset :
0.612586 Y offset : 0.53243 15:52:34 jobsub.marlin(INFO): [ MESSAGE4 "Correlator"] Successfully
finished 15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] Writing to
./output/database/run000025-prealignment.slcio 15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"]
----- 15:52:34
jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] Sensor ID 0 15:52:34 jobsub.marlin(INFO): [
MESSAGE5 "PreAligner"] -----
15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] X off [mm] Y off [mm] Z off [mm] ZY angle
ZX angle XY angle 15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] 0 0 0 0 0 15:52:34
jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] 0 0 0 0 0 15:52:34 jobsub.marlin(INFO): [ MESSAGE5
"PreAligner"] ----- 15:52:34
jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] 15:52:34 jobsub.marlin(INFO): [ MESSAGE5
"PreAligner"] ----- 15:52:34
jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] Sensor ID 1 15:52:34 jobsub.marlin(INFO): [
MESSAGE5 "PreAligner"] -----
15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] X off [mm] Y off [mm] Z off [mm] ZY angle
ZX angle XY angle 15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] 1.29892 0.562843 0 0 0 0
15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] 0 0 0 0 0 15:52:34 jobsub.marlin(INFO): [
MESSAGE5 "PreAligner"] -----
15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] 15:52:34 jobsub.marlin(INFO): [ MESSAGE5
"PreAligner"] ----- 15:52:34
jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] Sensor ID 2 15:52:34 jobsub.marlin(INFO): [
MESSAGE5 "PreAligner"] -----
15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] X off [mm] Y off [mm] Z off [mm] ZY angle
ZX angle XY angle 15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] 2.49524 1.05971 0 0 0 0
15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] 0 0 0 0 0 15:52:34 jobsub.marlin(INFO): [
MESSAGE5 "PreAligner"] -----
15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] 15:52:34 jobsub.marlin(INFO): [ MESSAGE5
"PreAligner"] ----- 15:52:34
jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] Sensor ID 3 15:52:34 jobsub.marlin(INFO): [
MESSAGE5 "PreAligner"] -----
15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] X off [mm] Y off [mm] Z off [mm] ZY angle
ZX angle XY angle 15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] -1.46212 1.11441 0 0 0 0
15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] 0 0 0 0 0 15:52:34 jobsub.marlin(INFO): [
MESSAGE5 "PreAligner"] -----
15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] 15:52:34 jobsub.marlin(INFO): [ MESSAGE5
"PreAligner"] ----- 15:52:34
jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] Sensor ID 4 15:52:34 jobsub.marlin(INFO): [
MESSAGE5 "PreAligner"] -----
15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] X off [mm] Y off [mm] Z off [mm] ZY angle
ZX angle XY angle 15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] -0.540946 0.912532 0 0 0 0
15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] 0 0 0 0 0 15:52:34 jobsub.marlin(INFO): [
MESSAGE5 "PreAligner"] -----
15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] 15:52:34 jobsub.marlin(INFO): [ MESSAGE5
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"PreAligner"] ----- 15:52:34
jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] Sensor ID 5 15:52:34 jobsub.marlin(INFO): [
MESSAGE5 "PreAligner"] -----
15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] X off [mm] Y off [mm] Z off [mm] ZY angle
ZX angle XY angle 15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] 0.39747 0.599523 0 0 0 0
15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] 0 0 0 0 0 15:52:34 jobsub.marlin(INFO): [
MESSAGE5 "PreAligner"] -----
15:52:34 jobsub.marlin(INFO): [ MESSAGE5 "PreAligner"] 15:52:34 jobsub.marlin(INFO): [ MESSAGE4
"HitMakerM26"] Successfully finished 15:52:35 jobsub(INFO): Marlin execution done 15:52:35
jobsub(INFO): Logs written to ./output/logs/hitmaker-000025.zip
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ ls
examples/datura-noDUT/steering-templates/ aligndaf-tmp.xml clustering-tmp.xml fitter-tmp.xml
hitmaker-tmp.xml align-tmp.xml converter-tmp.xml histoinfo.xml
daq@znpnb204:~/Desktop/DESY/ILCsoft/v01-17-02/Eutelescope/v00-08-03/jobsub$ ./jobsub.py -c
examples/datura-noDUT/config.cfg align 25 15:53:16 jobsub(INFO): Loaded config file
examples/datura-noDUT/config.cfg 15:53:16 jobsub(WARNING): Parameter 'basepath' was not found in
template file align-tmp.xml 15:53:16 jobsub(WARNING): Parameter 'histoinfofile' was not found in template
file align-tmp.xml 15:53:16 jobsub(WARNING): Parameter 'hotpixelrunnumber' was not found in template
file align-tmp.xml 15:53:16 jobsub(WARNING): Parameter 'nativepath' was not found in template file
align-tmp.xml 15:53:16 jobsub(INFO): Will now start processing the following runs: 25 15:53:16
jobsub(INFO): Now generating steering file for run number 000025.. 15:53:16 jobsub.marlin(INFO): Now
running Marlin on align-000025.xml 15:53:16 jobsub.marlin(INFO): 15:53:16 jobsub.marlin(INFO): 15:53:16
jobsub.marlin(INFO): [ VERBOSE "AIDA"] ----- R A I D A
----- 15:53:16 jobsub.marlin(INFO): [ VERBOSE "AIDA"] ROOT Implementation of
the Abstract Interfaces for Data Analysis (AIDA v3.2.1) 15:53:16 jobsub.marlin(INFO): [ VERBOSE
"AIDA"] 15:53:16 jobsub.marlin(INFO): [ VERBOSE "AIDA"] RAIDA Version: not supported by cvs2svn
15:53:16 jobsub.marlin(INFO): [ VERBOSE "AIDA"] 15:53:16 jobsub.marlin(INFO): [ VERBOSE "AIDA"]
RAIDA only creates simple ROOT histograms 15:53:16 jobsub.marlin(INFO): [ VERBOSE "AIDA"] Used
ROOT Release: 5.34/05 15:53:16 jobsub.marlin(INFO): [ VERBOSE "AIDA"]
----- 15:53:16 jobsub.marlin(INFO): [
VERBOSE "AIDA"] 15:53:16 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] No rectangular limits on
pixels of sensorplanes applied 15:53:16 jobsub.marlin(INFO): [ MESSAGE5 "AlignStraight"] Initialising
Mille... 15:53:16 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] end of initialisation 15:53:16
jobsub.marlin(INFO): [ MESSAGE6 "ApplyPreAlignment"] Processing run header 1, run number 25
15:53:16 jobsub.marlin(INFO): [ MESSAGE4 "ApplyPreAlignment"] EUTelescope : 15:53:16
jobsub.marlin(INFO): [ MESSAGE4 "ApplyPreAlignment"] Only one Alignment Collection has been
specified 15:53:16 jobsub.marlin(INFO): [ MESSAGE4 "ApplyPreAlignment"] 15:53:16
jobsub.marlin(INFO): [ MESSAGE4 "ApplyPreAlignment"] Ignore other Suffix collections, proceed with the
defaults given by _referenceHitCollectionName and _inputHitCollectionName 15:53:16
jobsub.marlin(INFO): [ MESSAGE4 "ApplyPreAlignment"] 15:53:16 jobsub.marlin(INFO): [ MESSAGE4
"ApplyPreAlignment"] _alignmentCollectionNames[0] = prealign 15:53:16 jobsub.marlin(INFO): [
MESSAGE4 "ApplyPreAlignment"] 15:53:16 jobsub.marlin(INFO): [ MESSAGE4 "ApplyPreAlignment"]
_hitCollectionNames[0] = PreAlignedHit 15:53:16 jobsub.marlin(INFO): [ MESSAGE4
"ApplyPreAlignment"] 15:53:16 jobsub.marlin(INFO): [ MESSAGE4 "ApplyPreAlignment"]
_refhitCollectionNames[0] = refhit 15:53:16 jobsub.marlin(INFO): [ MESSAGE4 "ApplyPreAlignment"]
15:53:16 jobsub.marlin(INFO): [ ERROR2 "AlignStraight"] Error during the geometry consistency check:
15:53:16 jobsub.marlin(INFO): [ ERROR2 "AlignStraight"] The run header says the GeoID is 113 15:53:16
jobsub.marlin(INFO): [ ERROR2 "AlignStraight"] The GEAR description says is 6 15:53:16
jobsub.marlin(INFO): [ MESSAGE5 "ApplyPreAlignment"] Processing run 000025. Number of the defined
alignment collection is 1 15:53:16 jobsub.marlin(INFO): [ MESSAGE5 "ApplyPreAlignment"] Processing
event (ApplyAlignment Direct) 000000 in run 000025 (Total = 0) 15:53:16 jobsub.marlin(INFO): [
MESSAGE5 "AlignStraight"] Processing event 0 in run 000025 (Total = 0) 15:53:16 jobsub.marlin(INFO): [
MESSAGE5 "AlignStraight"] Currently having 0 data points in 0 tracks 15:53:17 jobsub.marlin(INFO): [
MESSAGE5 "ApplyPreAlignment"] Processing event (ApplyAlignment Direct) 1000 in run 000025 (Total =

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1000) 15:53:17 jobsub.marlin(INFO): [MESSAGE5 "AlignStraight"] Processing event 1000 in run 000025 (Total = 1000) 15:53:17 jobsub.marlin(INFO): [MESSAGE5 "AlignStraight"] Currently having 0 data points in 0 tracks 15:53:18 jobsub.marlin(INFO): [MESSAGE5 "ApplyPreAlignment"] Processing event (ApplyAlignment Direct) 2000 in run 000025 (Total = 2000) 15:53:18 jobsub.marlin(INFO): [MESSAGE5 "AlignStraight"] Processing event 2000 in run 000025 (Total = 2000) 15:53:18 jobsub.marlin(INFO): [MESSAGE5 "AlignStraight"] Currently having 0 data points in 0 tracks 15:53:18 jobsub.marlin(INFO): [MESSAGE5 "ApplyPreAlignment"] Processing event (ApplyAlignment Direct) 3000 in run 000025 (Total = 3000) 15:53:18 jobsub.marlin(INFO): [MESSAGE5 "AlignStraight"] Processing event 3000 in run 000025 (Total = 3000) 15:53:18 jobsub.marlin(INFO): [MESSAGE5 "AlignStraight"] Currently having 0 data points in 0 tracks 15:53:19 jobsub.marlin(INFO): [MESSAGE5 "ApplyPreAlignment"] Processing event (ApplyAlignment Direct) 4000 in run 000025 (Total = 4000) 15:53:19 jobsub.marlin(INFO): [MESSAGE5 "AlignStraight"] Processing event 4000 in run 000025 (Total = 4000) 15:53:19 jobsub.marlin(INFO): [MESSAGE5 "AlignStraight"] Currently having 0 data points in 0 tracks 15:53:20 jobsub.marlin(INFO): [MESSAGE5 "ApplyPreAlignment"] Processing event (ApplyAlignment Direct) 5000 in run 000025 (Total = 5000) 15:53:20 jobsub.marlin(INFO): [MESSAGE5 "AlignStraight"] Processing event 5000 in run 000025 (Total = 5000) 15:53:20 jobsub.marlin(INFO): [MESSAGE5 "AlignStraight"] Currently having 0 data points in 0 tracks 15:53:21 jobsub.marlin(INFO): [MESSAGE5 "ApplyPreAlignment"] Processing event (ApplyAlignment Direct) 6000 in run 000025 (Total = 6000) 15:53:21 jobsub.marlin(INFO): [MESSAGE5 "AlignStraight"] Processing event 6000 in run 000025 (Total = 6000) 15:53:21 jobsub.marlin(INFO): [MESSAGE5 "AlignStraight"] Currently having 0 data points in 0 tracks 15:53:22 jobsub.marlin(INFO): [MESSAGE5 "ApplyPreAlignment"] Processing event (ApplyAlignment Direct) 7000 in run 000025 (Total = 7000) 15:53:22 jobsub.marlin(INFO): [MESSAGE5 "AlignStraight"] Processing event 7000 in run 000025 (Total = 7000) 15:53:22 jobsub.marlin(INFO): [MESSAGE5 "AlignStraight"] Currently having 0 data points in 0 tracks 15:53:22 jobsub.marlin(INFO): [MESSAGE5 "ApplyPreAlignment"] Processing event (ApplyAlignment Direct) 8000 in run 000025 (Total = 8000) 15:53:22 jobsub.marlin(INFO): [MESSAGE5 "AlignStraight"] Processing event 8000 in run 000025 (Total = 8000) 15:53:22 jobsub.marlin(INFO): [MESSAGE5 "AlignStraight"] Currently having 0 data points in 0 tracks 15:53:23 jobsub.marlin(INFO): [MESSAGE5 "ApplyPreAlignment"] Processing event (ApplyAlignment Direct) 9000 in run 000025 (Total = 9000) 15:53:23 jobsub.marlin(INFO): [MESSAGE5 "AlignStraight"] Processing event 9000 in run 000025 (Total = 9000) 15:53:23 jobsub.marlin(INFO): [MESSAGE5 "AlignStraight"] Currently having 0 data points in 0 tracks 15:53:24 jobsub.marlin(INFO): [WARNING "Marlin"] lcio::EndOfDataException: SIOReader::readStream(int maxRecord) : EOF before 75000 records read from file 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] Generating the steering file for the pede program... 15:53:24 jobsub.marlin(INFO): [MESSAGE5 "AlignStraight"] File ./output/database/run000025-pede-steer.txt written. 15:53:24 jobsub.marlin(INFO): [MESSAGE7 "AlignStraight"] Number of data points used: 0 15:53:24 jobsub.marlin(INFO): [MESSAGE7 "AlignStraight"] Number of tracks used: 0 15:53:24 jobsub.marlin(INFO): [MESSAGE5 "AlignStraight"] Starting pede...: pede ./output/database/run000025-pede-steer.txt 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] (\$Rev: 104 \$) 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] using OpenMP (TM) 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] compiled with gcc 4.6.1 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] Large integers are INTEGER*8 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] < Millepede II-P starting ... Wed Aug 28 15:53:24 2013 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] FILETC/X

15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] Command line options: 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] ----- 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] 1 ./output/database/run000025-pede-steer.txt 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] ----- 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] Listing of steering file: ./output/database/run000025-pede-steer.txt 15:53:24 jobsub.marlin(INFO): [MESSAGE4

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"AlignStraight"] ----- 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 1 Cfiles
15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 2 ./output/database/run000025-align-mille.bin
15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 3 15:53:24 jobsub.marlin(INFO): [
MESSAGE4 "AlignStraight"] 4 Parameter 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 5 1
0.0 -1.0 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 6 2 0.0 -1.0 15:53:24
jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 7 3 0.0 -1.0 15:53:24 jobsub.marlin(INFO): [
MESSAGE4 "AlignStraight"] 8 4 0 0.0 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 9 5 0
0.0 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 10 6 0.0 0.0 15:53:24
jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 11 7 0 0.0 15:53:24 jobsub.marlin(INFO): [
MESSAGE4 "AlignStraight"] 12 8 0 0.0 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 13 9
0.0 0.0 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 14 10 0 0.0 15:53:24
jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 15 11 0 0.0 15:53:24 jobsub.marlin(INFO): [
MESSAGE4 "AlignStraight"] 16 12 0.0 0.0 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"]
17 13 0 0.0 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 18 14 0 0.0 15:53:24
jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 19 15 0.0 0.0 15:53:24 jobsub.marlin(INFO): [
MESSAGE4 "AlignStraight"] 20 16 0.0 -1.0 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"]
21 17 0.0 -1.0 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 22 18 0.0 -1.0 15:53:24
jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 23 15:53:24 jobsub.marlin(INFO): [ MESSAGE4
"AlignStraight"] 24 chiscut 30.0 6.0 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 25
outlierdownweighting 4 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 26 method inversion
10 0.001 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 27 15:53:24 jobsub.marlin(INFO): [
MESSAGE4 "AlignStraight"] 28 histprint 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 29
15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 30 end 15:53:24 jobsub.marlin(INFO): [
MESSAGE4 "AlignStraight"] end-statement after 30 text lines 15:53:24 jobsub.marlin(INFO): [ MESSAGE4
"AlignStraight"] ----- 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"]
15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] initC: using zlib version 1.2.3.4 15:53:24
jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] Opening C file 1 :
./output/database/run000025-align-mille.bin 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 1
binary files opened 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 15:53:24
jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] Processing text files ... 15:53:24 jobsub.marlin(INFO):
[ MESSAGE4 "AlignStraight"] 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] File
./output/database/run000025-pede-steer.txt 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"]
end-statement after 30 text lines 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 15:53:24
jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] ... end of text file processing. 15:53:24
jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 15:53:24 jobsub.marlin(INFO): [ MESSAGE4
"AlignStraight"] 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] Solution method and
matrix-storage mode: 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] METSOL = 1: matrix
inversion 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] with 10 iterations 15:53:24
jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] MATSTO = 1: symmetric matrix, (n*n+n)/2 elements
15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] Chi square cut equiv 3 st.dev applied ...
15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] in first iteration with factor 30.000000
15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] in second iteration with factor 6.0000000
15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] (reduced by sqrt in next iterations) 15:53:24
jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] Down-weighting of outliers in 4 iterations 15:53:24
jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] Cut on downweight fraction 0.0000000 15:53:24
jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] Iterations (solutions) with line search: 15:53:24
jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] All with Chi square cut scaling factor <= 1. 15:53:24
jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 15:53:24 jobsub.marlin(INFO): [ MESSAGE4
"AlignStraight"] _____ FILETC/X-end _____
15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] 15:53:24 jobsub.marlin(INFO): [
MESSAGE4 "AlignStraight"] 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] Number of
processors available: 4 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] Maximum number of
OpenMP threads: 1 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] Number of threads for
processing: 1 15:53:24 jobsub.marlin(INFO): [ MESSAGE4 "AlignStraight"] Number of threads for reading:

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1 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"]

LOOP1

15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] Read all binary data files: 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] PEREAD: file 1 read the first time, found 0 records 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] PEREAD: file 0 with max record size 0 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] Read cache usage (#blocks, #records, min,max records/block 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] 1 0 0 0 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] SORT2K (quicksort): maxlevel used/available = 2 /64 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"]

15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] Histogram 2 / 0 : Number of entries per label 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] 0_or_negative inside above_10^6 = 6 0 0 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] Plot of log10 of entries. Min and Max are 0 0 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] LOOP1: 0 is number of pre-sigmas 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] Warning: no pre-sigmas defined 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] Default pre-sigma = 0.00E+00 (if no individual pre-sigma defined) 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] Pre-sigma factor is 1.0000000 15:53:24 jobsub.marlin(INFO): [MESSAGE4 "AlignStraight"] No regularization will be done 15:53:24 jobsub.marlin(INFO): [ERROR5 "AlignStraight"] STOP ... no variable global parameters 15:53:24 jobsub.marlin(INFO): [ERROR5 "AlignStraight"] Problem during Pede execution, exit status: 0, error messages (repeated here): 15:53:24 jobsub.marlin(INFO): [ERROR5 "AlignStraight"] STOP ... no variable global parameters 15:53:24 jobsub.marlin(INFO): [ERROR5 "AlignStraight"] 15:53:24 jobsub.marlin(INFO): [ERROR5 "AlignStraight"] Will exit now 15:53:24 jobsub.marlin(INFO): [MESSAGE9 "ApplyPreAlignment"] Successfully finished config.cfg config.cfg 6K Download

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Topic revision: r2 - 2014-03-10 - [OlgaNovgorodova](#)



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